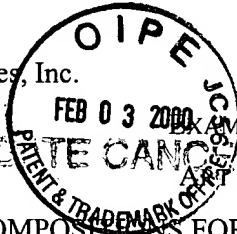




IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Charette
ASSIGNEE: Creative BioMolecules, Inc.
SERIAL NUMBER: 09/012,846
FILING DATE: January 23, 1998
EXAMINER: E. Turner
ART UNIT: 1645
FOR: METHODS AND COMPOSITIONS FOR ENHANCING COGNITIVE
FUNCTION USING MORPHOGENIC PROTEINS



MAIL DATE CANCELLED

February 2, 2000
Boston, Massachusetts

Assistant Commissioner for Patents
Washington, D.C. 20231

AMENDMENT AND RESPONSE

This is in response to the September 2, 1999, Office Action in the above-identified patent application. A check in the amount of \$190.00 is enclosed to cover the petition fee (small entity) for a two (2) month extension of time pursuant to 37 C.F.R. §1.17(a)(2). With the extension, this response is due February 2, 2000.

A Revocation/New Power of Attorney is enclosed herewith. The Commissioner is hereby authorized to charge any additional fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 00960-510.

In the Claims:

Kindly cancel claims 1, 3-4, and 12-22, without prejudice.

Kindly amend claims 2, 5, and 7-11, as follows:

2. (Amended) A method for protecting against cognitive dysfunction or reducing memory dysfunction in a mammal, the method comprising the step of administering to the mammal a morphogen [or a nucleic acid encoding the morphogen] comprising a protein selected from the group consisting of OP-1 (SEQ ID NO: 2), the C-terminal seven-cysteine domain of OP-1 (residues 330-431 of SEQ ID NO: 2), OP-2, OP-3, BMP2; BMP3; BMP4; BMP5; BMP6; BMP9; BMP-10, BMP-11, BMP-12, BMP-15,